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MISCELLANEA.

Twenty-Third Meeting of the British Association for the Advancement of Science, held at Hull, 7th—14th September, 1853. Section F. Statistics.

President.—James Heywood, Esq., M.P., F.R.S.

Vice-Presidents.—Thomas Tooke, Esq., F.R.S.; F. G. P. Neison, Esq.

Secretaries.—William Newmarch, Esq.; Edward Cheshire, Esq.

Committee.—W. S. Ayrton, Esq., F.S.A.; Francis Bennoch, Esq.; Edward Barrington, Esq.; C. H. Bracebridge, Esq.; H. S. Bright, Esq.; E. F. Collins, Esq.; Henry Cooper, M.D.; Lord Hotham, M.P.; R. T. Jopling, Esq.; John Lee, LL.D., F.R.S.; John Locke, Esq.; Professor Moffatt, LL.D.; Henry Munroe, M.D., M.R.C.S.; William Neild, Esq.; Theodore W. Rathbone, Esq.; The Rev. James Selkirk; William Spence, Esq., F.R.S.; J. A. Tinné, Esq.; Joseph B. Yates, Esq., F.R.G.S.

The following Papers occupied the attention of the Section, viz. :—

1. Statistics of the Produce of the Northern Whale Fisheries, for the years from 1772 to 1852. By Henry Munroe, M.D., M.R.C.S.
2. Statement of a proposed plan of Decimal Coinage and Accounts. By Theodore W. Rathbone, Esq.
3. On the Results of the Census of Great Britain in 1851; with a description of the Machinery and Processes employed to obtain the Returns. By Edward Cheshire, Esq.
4. Electoral Statistics of the United Kingdom. By James Edwards, Esq.
5. Analysis of Mortality from Cholera in Hull, in the Autumn of 1849. By Henry Cooper, M.D.
6. Prevalence of Diseases in Hull. By Henry Cooper, M.D.
7. The Causes, Extent, and Preventives of Crime, with especial reference to Hull. By the Rev. J. Selkirk.
8. On the Results of some Researches relative to the new supplies of Gold, and to the Circulation of Bills of Exchange, 1848–52. By William Newmarch, Esq.
9. Summary of the Census of Switzerland. By Professor Paul Chaix, Corr. Memb., F.R.C.S.
10. On Excessive Emigration, and its Reparative Agencies, in Ireland. By John Locke, Esq.
11. Suggestions for an Improved System of Currency and Banking. By Francis Bennoch, Esq.
12. On the Education of the Poor in Liverpool. By Rev. Abraham Hume, LL.D.
13. On certain Statements contained in a Communication to the Statistical Section at Belfast in September, 1852, entitled, “Statistics of Portsea and Portsmouth Dockyard.” By Lady Bentham.
14. Analytical View of Railway Accidents in the Country and on the Continent of Europe in the twelve years 1840–52. By F. G. P. Neison, Esq.
15. Statistics relative to Nova Scotia in 1851. By Edward Cheshire, Esq.
16. Facts bearing on Practical and Scientific Education. By the Rev. F. O. Morris.

PROCEEDINGS OF THE STATISTICAL SOCIETY.

*Fifth Ordinary Meeting.**Monday, the 21st day of March, 1853.*

Sir John P. Boileau, Bart., V. P., in the Chair.

The following gentlemen were elected Fellows of the Society :—

J. S. Brewer, Esq., M.A.

W. S. Gover, Esq.

William Camps, M.D.

James Hutton, Esq.

C. L. Macaulay, Esq.

The following Paper was read :—

“On the Administration of Civil and Criminal Justice in British India.” By Colonel Sykes, F.R.S.

*Sixth Ordinary Meeting.**Monday, the 18th day of April, 1853.*

Colonel Sykes, F.R.S., in the Chair.

The following gentlemen were elected Fellows of the Society :—

J. G. Hubbard, Esq.

William Quilter, Esq.

Samuel Lucas, Esq.

David Salomons, Esq.

The following Paper was read :—

“On Railway Accidents.” By F. G. P. Neison, Esq.

THE MARRIAGES, BIRTHS, AND DEATHS,

REGISTERED IN THE DIVISIONS, COUNTIES, AND DISTRICTS OF ENGLAND.

The Marriages for the Quarter ended March, 1852, and the Births and Deaths for the Quarter ended June, 1853,

AS PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

This return comprises the births and deaths registered by 2,190 registrars in all the districts of England during the Spring quarter ended June 30th, 1853; and the marriages in 12,025 churches or chapels, about 3,396 registered places of worship unconnected with the Established Church, and 625 superintendent registrars' offices, in the quarter that ended March 31st, 1853.

The return of marriages is not complete; but the defects are inconsiderable, and approximative numbers have been supplied from the records of previous years.

The increase of marriages proceeded at an accelerated rate through the first three months of the year; in April, May, and June, the births of children exceeded the average numbers of preceding Spring quarters, but fell a few hundreds short of the births in the Spring quarters of the two previous years.

The Spring in town and country was unhealthy; and the mortality, chiefly owing to the cold weather and the scarcity of potatoes, was considerably above the average.

MARRIAGES.—35,014 marriages were celebrated in the first quarter of the year, or 2,081 more than were celebrated in the corresponding quarter of 1852. The unexampled increase of marriages is shown in the annexed Table, where it will be observed that in the Winter quarters 48,894 persons married in 1841, 54,960 in 1847, 70,028 in 1853.

The increase in the marriages is most conspicuous in London, in the seaports, and in the manufacturing towns; in Northamptonshire, Devonshire, Cornwall, Gloucestershire, Shropshire, Staffordshire, Worcestershire, Leicestershire, Nottinghamshire, Cheshire, Lancashire, the West Riding of Yorkshire, Westmorland, and Monmouthshire; in Portsmouth, Plymouth, Southampton, Bristol; in Northampton, Bath, Stroud, Wolverhampton, Dudley, Birmingham, Nottingham, Chester,

Manchester, Leeds, Sheffield, Merthyr Tydfil. In all the most prosperous districts of the country the marriages increased. In Dover, in Brighton, in St. George Hanover Square, in several other districts, and in the eastern counties, the marriages declined.

BIRTHS.—The births fluctuate less than either the marriages or the deaths, and in the three quarters ended June 1851-52-53, the numbers were 159,138, 159,136, and 158,718, or nearly the same in amount, but considerably above the average of preceding years. The births, on an average of 10 Spring quarters, were at the rate of 3·428 per cent.; in the last quarter, ending June 30th, the rate was 3·507 on the population.

Marriages, Births, and Deaths, returned in the Years 1841-53 and in the Quarters of those Years.

YEARS.....	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850*	1851	1852	1853
Marriages	122496	118825	123818	132249	143743	145664	135845	138230	141883	152744	153740	158439	...
Births	512158	517739	527325	540763	543521	572625	539965	563059	578159	593422	616251	624171	...
Deaths	343847	349519	346445	356933	349366	390315	423304	399833	440839	368970	395933	407938	...
MARRIAGES.													
Quarters ended the last day of													
March	24447	25860	25285	26387	29551	31417	27480	28398	28429	30567	32619	32933	35014
June	32551	30048	31113	34268	35300	37111	35197	34721	35844	39204	38498	40007	...
September	29397	27288	28847	31675	35003	35070	32439	32995	33874	37636	37155	38291	...
December	36101	35629	38573	39919	43889	42066	40729	42116	43736	45337	45168	47208	...
BIRTHS.													
March	133720	135615	136837	143578	143080	145108	146453	139736	153772	144551	157374	161776	161598
June	129881	134096	131279	136941	136853	149450	139072	149760	153693	155865	159138	159136	158718
September	123868	123296	128161	130078	132369	138718	127173	140359	135223	146911	150584	151193	...
December	124686	124732	131048	130166	131219	139349	127267	133204	135471	146095	149155	152066	...
DEATHS.													
March	99069	96314	94926	101024	104664	89484	119672	120032	105870	98410	105446	106682	118241
June	86134	86538	87234	85337	89149	90231	106718	99727	102153	92871	99639	100813	107861
September	75440	82339	76792	79708	74872	101663	93435	87638	135227	85849	91600	100497	...
December	83204	84328	87493	90864	80681	108937	103479	92436	97589	91840	99248	99946	...

* The numbers up to 1850 have appeared in the Annual Reports.

INCREASE OF POPULATION.—As the births of 158,718 children and the deaths of 107,861 persons of all ages were registered in the quarter, a balance of 50,857 remains in favour of the population. The excess of births over deaths is less by 8 or 12 thousands than the excess in the corresponding quarters of the three previous years, chiefly owing to the high rate of mortality in 1853. 115,959 emigrants sailed from the ports of the United Kingdom at which there are Government Emigration Agents; 78,205 to the United States, 20,107 to British North America, 17,152 to the Australian Colonies, and 495 to other places; 7,884 of the emigrants sailed from Glasgow and Greenock, 16,993 from Irish ports, 74,646, including many Irish, from Liverpool, 2,095 from Plymouth, 3,722 from Southampton, and 10,619 from London.* The emigration from the United Kingdom has been at the rate of 8,920 a week, equal to the number of inhabitants in a majority of the 368 municipal boroughs of Great Britain. In Scotland and Ireland, the births and deaths of the population are left unregistered, so that it is impossible to determine the rate of natural increase in the United Kingdom; but at the rate prevailing in England, which it cannot exceed, the excess of births over deaths would be 79,820, or less by 36,139 than the 115,959 emigrants.

* Return with which the Registrar-General has been favoured by the Emigration Commissioners.

England :—Annual Rate, per cent., of Marriage, Birth, and Death, during the Years 1843-53, and the Quarters of those Years.*

Estimated Population of England in thousands in the middle of each Year.....	16318	16516	16716	16919	17124	17331	17541	17754	17977	18195	...	18195
YEARS	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	Mean, 1843-52	1853
Marriages.....	·759	·801	·860	·861	·793	·798	·809	·860	·855	·881	·828	...
Births	3·232	3·274	3·251	3·385	3·153	3·249	3·296	3·343	3·428	3·472	3·308	...
Deaths	2·123	2·161	2·090	2·307	2·472	2·307	2·513	2·078	2·202	2·269	2·252	...
MARRIAGES.												
Quarters ended the last day of												
March	·632	·644	·721	·757	·655	·661	·661	·702	·740	·730	·690	·776
June	·767	·834	·849	·882	·826	·805	·822	·888	·861	·883	·842	...
September	·701	·760	·830	·822	·751	·755	·766	·840	·819	·834	·788	...
December.....	·934	·955	1·038	·983	·940	·961	·986	1·010	1·000	1·038	·985	...
BIRTHS.												
March	3·420	3·507	3·491	3·498	3·488	3·252	3·575	3·321	3·569	3·585	3·471	3·581
June	3·234	3·334	3·291	3·551	3·265	3·474	3·523	3·530	3·559	3·516	3·428	3·507
September	3·114	3·123	3·140	3·251	2·945	3·211	3·056	3·281	3·321	3·294	3·174	...
December.....	3·174	3·115	3·103	3·256	2·938	3·038	3·053	3·253	3·279	3·343	3·155	...
DEATHS.												
March	2·373	2·467	2·554	2·157	2·850	2·794	2·462	2·261	2·391	2·364	2·467	2·620
June	2·149	2·077	2·144	2·144	2·606	2·313	2·341	2·103	2·228	2·227	2·223	2·383
September	1·866	1·913	1·776	2·382	2·163	2·005	3·057	1·917	2·020	2·190	2·129	...
December.....	2·119	2·175	1·908	2·545	2·389	2·108	2·199	2·045	2·152	2·197	2·187	...

* The table may be read thus, without reference to the decimal points:—In the year 1848, to 100,000 of the population of England there were 798 marriages, 3,249 births, and 2,307 deaths registered. The annual rates of marriage in each of the four quarters were ·661, ·805, ·755, and ·961 per cent.; the rates of death 2·794, 2·313, 2·005, and 2·108 per cent. In reading the population on the first line add three ciphers (000). The three months January, February, March, contain 90, in leap year 91 days; the three months April, May, June, 91 days; each of the two last quarters of the year 92 days. For this inequality a correction has been made in the calculation.

The price of provisions during the quarter was considerably higher than the ruling prices in the corresponding months of the year 1852; wheat was sold on an average at 44s. 6d. a quarter; beef, by the carcase, in London, at 4½d. per pound; mutton, 5½d. per pound; potatoes (York regents) at 127s. 6d. per ton. The price of wheat was 10 per cent., beef, 22 per cent., mutton, 31 per cent., potatoes, 31 per cent. higher in April, May, June, 1853, than in the corresponding months of 1852. It is evident that the price of wheat bears no longer any constant relation to the price of the other chief articles of food consumed by the rich or the poor; and it must be considered a fortunate circumstance that the price of bread is not now likely to fluctuate so largely as the prices of the more perishable articles with which the markets of England are supplied from a comparatively limited area.

STATE OF THE PUBLIC HEALTH.—107,861 deaths were registered in the three months of April, May, and June. This number is the highest that has ever been registered before in the corresponding season, and exceeds by 7,048 the deaths in the spring quarter of 1852. The rate of mortality in England is highest in the winter (2·467 per cent.), lowest in the summer quarter (2·129 per cent.), while the mortality of the spring quarter (2·223) holds an intermediate rank, near the average of the year. This average is exceeded by the present return, which shows a mortality at the rate of 2·383 per cent. per annum; higher than the rate in the corresponding quarter of every year 1843-52, except the Spring quarter of 1847, when the population was infested by scurvy and its attendant diseases, after the great failure of the

potato crop in 1846. The rate of mortality was then 2·506; in the autumn, influenza broke out, and cholera followed on its footsteps in 1848 and 1849.

The mortality of the quarter was above the average both in the town and in the country districts; the annual rate of mortality was 2·606 in 117 districts, comprising the chief towns, and 2·196 per cent. in 508 districts, extending over the rest of the kingdom.

The Average Prices of Consols, of Wheat, Meat, and Potatoes, also the Average Quantity of Wheat sold and imported Weekly, in each of the eight Quarters ended June 30th, 1853.

Quarters ended	Average Price of Consols (for Money.)	Average Price of Wheat per Quarter in England and Wales.	Wheat sold in the 290 Cities and Towns in England and Wales making Returns.	Wheat and Wheat Flour entered for Home Consumption at Chief Ports of Great Britain.	Average Prices of Meat per lb. at Leadenhall and Newgate Markets (by the Carcase).		Potatoes (York Regents) per Ton at Waterside Market, Southwark.
					Beef.	Mutton.	
1851							
Sept. 30.	96½	40s. 7d.	74,714	91,040	3d.—5d. Mean 4d.	3¾d.—5¾d. Mean 4¾d.	90s.—110s. Mean 100s.
Dec. 31.	97½	36s. 7d.	109,506	47,986	3d.—5d. Mean 4d.	3¾d.—5¾d. Mean 4¾d.	65s.—75s. Mean 70s.
1852							
Mar. 31.	97¼	40s. 10d.	95,532	27,540	3¼d.—5d. Mean 4½d.	3¾d.—5¾d. Mean 4¾d.	60s.—80s. Mean 70s.
June 30.	99½	40s. 10d.	87,949	54,675	3¼d.—4¾d. Mean 4d.	3¾d.—5¼d. Mean 4½d.	85s.—110s. Mean 97s. 6d.
Sept. 30.	100	41s. 2d.	78,712	67,912	3¼d.—5d. Mean 4½d.	4d.—6d. Mean 5d.	80s.—100s. Mean 90s.
Dec. 31.	100½	40s. 5d.	111,224	72,870	3d.—5d. Mean 4d.	4¼d.—6¼d. Mean 5¼d.	90s.—120s. Mean 105s.
1853							
Mar. 31.	99½	45s. 7d.	95,115	63,530	3¾d.—5¼d. Mean 4½d.	4¾d.—6¾d. Mean 5¾d.	110s.—145s. Mean 127s. 6d.
June 30.	100½	44s. 6d.	84,559	82,623	4d.—5¾d. Mean 4¾d.	5d.—6¾d. Mean 5¾d.	110s.—145s. Mean 127s. 6d.

Note.—The total number of quarters of wheat sold in England and Wales for the 13 weeks ended September 30th, 1851, was 971,276; for the 13 weeks ended December 31st, 1,423,582; for the 13 weeks ended March 31st, 1852, 1,241,921; for the 13 weeks ended June 30th, 1,143,339; for the 13 weeks ended September 30th, 1,023,251; for the 13 weeks ended December 31st, 1,445,906; for the 13 weeks ended March 31st, 1853, 1,236,493; for the 13 weeks ended June 30th, 1853, 1,099,261. The total number of quarters entered for Home Consumption was, respectively, 1,183,523; 671,803; 358,024; 710,780; 882,850; 947,310; 825,886; and 1,074,095; the second total, however, embraces the returns of 14 weeks.

The population of England is, there is reason to believe, collectively healthier than any equal amount of population in any other kingdom; but the rapid increase in the proportion of the town population—in which the mortality is 27 per cent. higher than it is in the country, and the sickness, the suffering, the debility, the physical degeneracy of race, are in an equal excess—makes this question of the health of towns and the fertilization of the surrounding fields one of the great questions of the day demanding immediate solution. It is difficult for the imagination to conceive all the beneficent effects that would flow from the possible diminution of the mortality which the subjoined figures express in town and in country throughout the changing seasons of the year.

Deaths in the Spring Quarters.

	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	Total. 1843-52	1853
In 117 Districts, comprising the chief towns	40343	38977	40847	43737	51585	46552	48070	42886	47774	45357	449128	51734
In 508 Districts, comprising chiefly small towns and country parishes	46891	46360	48302	46494	55133	53178	54083	49989	51865	52456	504751	56127
Total.....	87234	85337	89149	90231	106718	99730	102153	92875	99639	100813	953879	107861

Population, Deaths, and Mortality per cent. in the Spring Quarters, 1843-53.

	Population Enumerated.		Deaths in 10 Spring Quarters, 1843-52.	Annual Rate of Mortality of 10 Spring Quarters, 1843-52.	Annual Rate of Mortality in the Spring Quarter 1853.
	June 6-7th, 1841.	March 31st, 1851.			
In 117 Districts, comprising the chief towns	6,612,958	7,795,882	449,128	2.471	2.606
In 508 Districts, comprising chiefly small towns and country parishes	9,301,190	10,126,886	504,751	2.067	2.196
All England	15,914,148	17,922,768	953,879	2.223	2.383

	Average Annual Number of*		
	Deaths to every 10,000 Persons living in Towns.	Deaths to every 10,000 Persons living in the Country.	Lives Destroyed by the Matters which are Poisons in Houses, Streets, and Streams, but are Fertilizing Manures in Fields.
In the months of			
January, February, March	69	56	13
April, May, June	62	52	10
July, August, September	63	46	17
October, November, December	64	49	15
The Year	258	203	55

* This Table is derived from the returns of the 10 years 1843-52.

In London, the mortality has considerably exceeded the average, and it is chiefly due to diseases of the respiratory organs, typhus, hooping-cough, diarrhoea, and violence of various kinds. 12 deaths were referred to privation, 26 to poison, 88 to burns and scalds, 86 to hanging and suffocation, 81 to drowning, 171 to mechanical injuries of various kinds, 33 to wounds; and in nearly all these cases the numbers exceed those returned in previous years. The violent deaths, including a few from intemperance, want of breast-milk, and privation, in London, increased from 1,296, in 1840, to 2,140, in 1852; and in the last quarter the excess in deaths from violence alone over the deaths of 1852 was 131. The increase of steam-vessels, railways, omnibuses, and new mechanical forces of every kind, as well as the obstructions of the streets, may partly account for this loss of life, as well as for the numerous injuries and mutilations not fatal—in the battle of every day.

MORTALITY OF THE METROPOLIS.

A Table of the Deaths in London from all Causes, Registered in the June Quarters of the Four Years, 1850-53.

CAUSES OF DEATH.	Quarters ended June,				CAUSES OF DEATH.	Quarters ended June,			
	1850.	1851.	1852.	1853.		1850.	1851.	1852.	1853.
ALL CAUSES.....	11,238	13,093	13,173	15,080	III. Scrofula.....	77	115	124	101
SPECIFIED CAUSES.....	11,132	12,956	13,096	14,867	Tabes Mesenterica.....	173	190	194	262
I. Zymotic Diseases....	2,032	2,662	2,828	2,979	Phthisis or Con- sumption.....	1,548	1,815	1,790	1,971
SPORADIC DISEASES.					Hydrocephalus.....	320	464	437	468
II. Dropsy, Cancer, and other Diseases of uncertain or va- riable Seat.....	526	547	603	665	IV. Cephalitis.....	137	154	127	152
III. Tubercular Diseases..	2,118	2,584	2,515	2,802	Apoplexy.....	337	313	295	352
IV. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	1,479	1,545	1,461	1,682	Paralysis.....	262	267	233	275
V. Diseases of the Heart and Blood-Vessels	472	508	520	612	Delirium Tremens..	41	32	39	42
VI. Diseases of the Lungs and of the other Organs of Respiration.....	1,726	2,117	2,088	2,709	Chorea.....	4	6	3	2
VII. Diseases of the Stomach, Liver, and other Organs of Digestion.....	710	797	763	885	Epilepsy.....	64	91	95	118
VIII. Diseases of the Kid- neys, &c.....	130	156	171	158	Tetanus.....	6	9	11	2
IX. Childbirth, Diseases of the Uterus, &c.	122	105	132	99	Insanity.....	31	20	36	32
X. Rheumatism, Dis- eases of the Bones, Joints, &c.....	102	101	105	118	Convulsions.....	417	511	466	542
XI. Diseases of the Skin, Cellular Tissue, &c.	27	23	30	30	V. Disease of Brain, &c.	180	142	156	165
XII. Malformations.....	43	31	41	44	Pericarditis.....	25	32	37	27
XIII. Premature Birth & Debility.....	238	360	381	356	Aneurism.....	24	14	19	30
XIV. Atrophy.....	239	318	305	479	Disease of Heart.....	422	462	464	555
XV. Age.....	484	540	573	532	VI. Laryngitis.....	60	52	64	70
XVI. Sudden*.....	180	105	107	128	Bronchitis.....	696	861	934	1,360
XVII. Violence, Privation, Cold, and Intem- perance.....	454	457	443	589	Pleurisy.....	35	35	49	45
					Pneumonia.....	712	909	783	951
					Asthma.....	127	151	139	183
					Disease of Lungs, &c.	96	109	119	100
					Teething.....	119	173	146	222
					Quinsey.....	15	11	21	10
					Gastritis.....	22	30	19	19
					Enteritis.....	87	73	84	76
					Peritonitis.....	55	51	50	47
					Ascites.....	21	32	26	43
					Ulceration of In- testines, &c.)	22	23	34	38
					Hernia.....	41	36	27	44
					Ileus.....	36	42	30	42
					Intussusception.....	13	10	15	10
					Stricture of the In- testinal Canal..)	9	10	16	10
					Dis. of Stomach, &c.	55	63	72	63
					Disease of Pancreas	..	1	..	1
					Hepatitis.....	60	49	47	50
					Jaundice.....	23	45	40	40
					Disease of Liver.....	128	144	130	161
					Disease of Spleen ..	4	4	6	4
					VIII. Nephritis.....	2	11	4	8
					Nephra (or Bright's Disease).....	34	32	47	26
					Ischuria.....	2	3	2	3
					Diabetes.....	9	10	11	12
					Stone.....	7	9	11	8
					Cystitis.....	10	7	6	9
					Stricture of Urethra	5	7	20	19
					Dis. of Kidneys, &c.	61	77	70	73
					IX. Parameia.....	15	9	13	11
					Ovarian Dropsy.....	59	52	76	49
					Childbirth, see Metria	45	41	33	36
					Dis. of Uterus, &c..	45	41	33	36
					X. Arthritis.....	3	4	3	4
					Rheumatism.....	54	56	58	58
					Disease of Joints, &c.	45	41	44	15
					XI. Carbuncle.....	5	3	8	56
					Phlegmon.....	12	6	8	4
					Disease of Skin, &c.	10	14	14	11
					XVII. Intemperance ..	23	16	20	18
					Privation.....	4	5	8	12
					Want of Breast Milk, see Privation	32	52	48	62
					Neglect.....	..	..	1	3
					Cold, see Privation..	1	..	5	2
					Poison.....	25	13	19	26
					Burns and Scalds ..	63	48	50	88
					Hanging, &c.....	77	50	78	86
					Fractures and Con- cussions.....	61	70	69	81
					XVIII. Wounds.....	18	31	19	33
					Other Violence.....	19	7	15	7
					Causes not specified	106	137	77	163

* Under the head of "sudden deaths," are classed not only deaths described as sudden, of which the cause has not been ascertained or stated; but also all deaths returned by the Coroner in vague terms, such as "found dead," "natural causes," &c. &c.

METEOROLOGICAL TABLE for the Quarter ended June 30, 1883.

NAMES OF THE PLACES.	Mean Pressure of Dry Air reduced to the level of the Sea.	Mean Tempera- ture of the Air.	Highest Reading of the Thermo- meter.	Lowest Reading of the Thermo- meter.	Mean Daily Range of Temperature.	Mean Monthly Range of Temp.	Range of Tempera- ture in the Quarter.	Mean Tempera- ture of Evaporation.	Mean Tempera- ture of the Dew Point.	WIND.		Mean Amount of Cloud.	RAIN.		Mean Weight of Vapour in a Cu- bic Foot of Air.	Mean additional weight required to saturate a cu- bic Foot of Air.	Mean Degree of Humidity.	Mean Whole- sunt in a Vertical Column of Atmosphere.	In.	Gr.	Cubic Foot of Air	Height of Cloud level of Storm, above level of the Sea.
										General Direction.	Mean esti- mated Strength.		No. of days on which it fell.	Amount collected.								
Jersey	29-613	51.9	79.0	37.0	15.9-33.0	42.0	40.1	48.2	1.9	Variable.	4.5	33	5.8	4.1	0.5	0.881	4.7	536	86			
Guernsey	29-606	50.5	69.5	37.5	9.7-23.8	32.0	49.0	47.4	1.5	N.W.	5.3	32	6.6	3.9	0.4	0.889	4.7	537	123			
Héston	29-623	53.4	78.0	34.0	14.6-32.4	44.0	50.1	46.9	1.9	N.W., & N.W.	5.5	35	8.1	3.9	0.9	0.800	4.7	534	106			
Falmouth	29-623	52.8	79.0	33.0	16.3-34.7	46.0	50.1	46.9	1.7	N.W., & N.W.	6.3	41	7.0	3.9	0.9	0.800	4.7	534	120			
Torquay	29-591	52.9	76.7	36.0	12.0-30.0	39.0	49.1	45.2	2.4	Variable.	3.7	47	7.3	3.7	1.1	0.772	4.4	..	160			
Exeter	29-574	53.5	72.0	34.0	10.4-29.0	38.0	49.5	49.5	1.5	N.W., & E.	3.7	49	7.4	3.7	0.9	0.739	4.5	533	140			
Veunor	29-574	53.5	72.0	34.0	10.4-29.0	38.0	49.5	49.5	1.5	N.W., & E.	3.7	49	7.4	3.7	0.9	0.739	4.5	533	150			
Newport	29-563	51.9	75.2	29.8	17.7-38.8	48.4	48.9	45.3	2.2	Variable.	4.9	42	5.1	4.2	0.9	0.736	4.4	536	28			
Ryde	29-605	52.4	79.8	31.4	19.8-37.1	48.4	48.9	45.3	1.5	N. & S.W.	7.0	45	8.0	3.7	1.0	0.736	4.4	533	110			
Worthing	29-568	50.8	73.0	34.8	10.8-29.1	38.4	48.3	44.1	1.5	N. & S.W.	4.5	44	7.1	3.7	0.7	0.852	4.5	538	25			
Southampton	29-568	52.6	77.4	33.5	15.8-34.5	44.3	49.0	45.6	1.2	..	6.8	40	8.2	3.7	1.0	0.779	4.4	534	60			
Clifton	29-565	50.8	74.4	29.3	15.5-36.5	45.1	47.8	44.6	1.2	..	5.7	47	7.8	3.6	0.8	0.813	4.3	533	228			
Lewisham	29-600	52.2	82.0	31.5	18.4-40.1	50.5	48.2	44.0	0.6	Variable.	8.0	39	7.9	3.5	1.1	0.738	4.3	535	82			
Royal Observatory	29-613	51.8	81.0	32.3	18.0-39.0	49.7	47.5	43.7	..	N.E.	..	49	7.9	3.4	1.2	0.743	4.1	534	159			
Paddington	29-567	52.6	80.5	32.0	16.1-37.7	48.5	49.0	45.4	..	..	..	49	7.9	3.7	1.0	0.768	4.1	533	126			
St. John's Wood	29-567	52.6	80.5	32.0	16.1-37.7	48.5	49.0	45.4	..	..	..	49	7.9	3.7	1.0	0.768	4.1	533	126			
Enfield	29-560	51.4	81.0	29.5	18.7-40.9	51.5	48.6	45.5	1.8	Variable.	7.6	37	7.7	3.7	0.8	0.822	4.5	534	150			
Rose Hill	29-610	50.8	76.0	30.1	15.7-37.8	49.0	47.3	43.4	2.5	N.W., & E.	6.9	37	6.7	3.5	1.0	0.777	4.2	533	270			
Bicester	29-582	51.7	76.8	31.0	17.1-44.3	53.0	43.8	44.8	1.4	N.E. & S.W.	6.3	47	7.8	3.6	0.9	0.794	4.4	531	210			
Radcliffe Observatory	29-582	51.7	76.8	31.0	17.1-44.3	53.0	43.8	44.8	1.4	N.E. & S.W.	6.3	47	7.8	3.6	0.9	0.794	4.4	531	210			
Stone Observatory	29-525	51.6	79.0	30.0	18.8-40.6	49.0	48.4	45.7	0.6	S.W.	5.7	50	8.2	3.7	0.7	0.886	4.5	530	520			
Hartwell House	29-542	51.2	77.3	30.3	18.1-36.1	47.0	48.4	44.8	1.4	Variable.	6.7	50	8.2	3.8	0.7	0.886	4.5	531	250			
Aylesbury	29-541	51.3	77.3	30.3	18.1-36.1	47.0	48.4	44.8	1.4	Variable.	6.7	50	8.2	3.8	0.7	0.886	4.5	531	250			
Hartwell Rectory	29-591	53.5	80.0	30.0	19.1-41.2	52.0	47.5	43.5	0.3	Variable.	6.5	48	7.9	3.8	0.7	0.835	4.6	531	290			
Linslade	29-605	51.6	81.0	29.0	19.1-41.2	52.0	47.5	43.5	0.3	Variable.	6.5	48	7.9	3.8	0.7	0.835	4.6	531	290			
Royston	29-607	51.6	81.0	29.0	19.1-41.2	52.0	47.5	43.5	0.3	Variable.	6.5	48	7.9	3.8	0.7	0.835	4.6	531	290			
Cardington	29-607	51.6	81.0	29.0	19.1-41.2	52.0	47.5	43.5	0.3	Variable.	6.5	48	7.9	3.8	0.7	0.835	4.6	531	290			
Bedford	29-574	52.0	81.5	29.8	18.8-42.3	51.7	48.5	45.9	0.8	N. & W.	6.4	59	7.1	3.6	1.1	0.766	4.2	531	313			
Norwich	29-574	52.0	81.5	29.8	18.8-42.3	51.7	48.5	45.9	0.8	N. & W.	6.4	59	7.1	3.6	1.1	0.766	4.2	531	313			
Grantham	29-574	52.0	81.5	29.8	18.8-42.3	51.7	48.5	45.9	0.8	N. & W.	6.4	59	7.1	3.6	1.1	0.766	4.2	531	313			
Derby	29-577	50.9	80.8	31.4	16.1-38.7	49.4	47.2	44.3	1.7	Variable.	6.8	39	7.0	3.4	1.1	0.793	4.2	534	271			
Grantham	29-603	50.9	80.8	31.4	16.1-38.7	49.4	47.2	44.3	1.7	Variable.	6.8	39	7.0	3.4	1.1	0.793	4.2	534	271			
Holkham	29-631	50.7	76.0	29.0	11.8-35.6	47.0	47.6	44.2	light	S. & S.W.	5.2	37	5.5	3.6	1.0	0.800	4.2	534	100			
Donington	29-631	50.7	76.0	29.0	11.8-35.6	47.0	47.6	44.2	light	S. & S.W.	5.2	37	5.5	3.6	1.0	0.800	4.2	534	100			
Nottingham	29-579	49.6	77.6	31.0	14.8-35.6	46.6	47.6	45.3	1.4	N.W., E., & S.W.	..	44	7.6	3.6	0.9	0.811	4.3	536	175			
Nottingham	29-579	49.6	77.6	31.0	14.8-35.6	46.6	47.6	45.3	1.4	N.W., E., & S.W.	..	44	7.6	3.6	0.9	0.811	4.3	536	175			
Hawthorn	29-663	51.8	82.0	32.5	18.8-42.3	51.7	48.5	45.9	0.8	N.E. & S.W.	8.0	50	7.8	3.6	1.0	0.779	4.3	534	39			
Nottingham	29-583	50.3	74.0	32.5	18.8-42.3	51.7	48.5	45.9	0.8	N.E. & S.W.	8.0	50	7.8	3.6	1.0	0.779	4.3	534	39			
Gainsborough	29-579	51.7	81.0	32.5	18.8-42.3	51.7	48.5	45.9	0.8	N.E. & S.W.	8.0	50	7.8	3.6	1.0	0.779	4.3	534	39			
Warrington	29-583	51.7	81.0	32.5	18.8-42.3	51.7	48.5	45.9	0.8	N.E. & S.W.	8.0	50	7.8	3.6	1.0	0.779	4.3	534	39			
Liverpool	29-588	52.4	72.6	33.2	17.6-36.6	47.1	43.2	45.8	1.0	N.W. & E.	4.8	34	6.1	3.6	0.9	0.790	4.1	536	30			
Manchester	29-601	51.9	79.0	32.8	11.3-36.4	47.4	49.2	45.8	1.0	N.W. & E.	5.8	37	6.2	3.4	1.0	0.775	4.1	535	37			
Wakefield	29-585	50.0	80.2	30.9	19.7-39.6	50.2	47.1	42.1	1.6	N.W. & E.	6.6	45	8.1	3.3	1.3	0.717	4.0	534	123			
Stonely	29-602	49.0	80.2	30.9	19.7-39.6	50.2	47.1	42.1	1.6	N.W. & E.	6.6	45	8.1	3.3	1.3	0.717	4.0	534	123			
Worthing	29-585	50.4	72.5	28.0	16.6-34.8	44.5	46.2	43.0	1.0	W. & S.W.	6.7	47	7.1	3.4	1.1	0.756	4.1	536	115			
York	29-595	51.0	80.2	30.7	17.5-36.7	48.0	46.2	43.0	1.0	W. & S.W.	6.4	40	8.6	3.4	0.8	0.815	4.1	533	381			
Newcastle	29-595	50.4	72.5	28.0	16.6-34.8	44.5	46.2	43.0	1.0	Variable.	..	37	4.8	3.5	0.9	0.798	4.2	537	50			
North Shields	29-627	49.0	68.5	32.6	10.1-25.9	35.9	46.2	43.3	..	Variable.	..	31	4.8	3.5	0.9	0.798	4.2	537	50			
Dunino	29-627	49.0	68.5	32.6	10.1-25.9	35.9	46.2	43.3	..	Variable.	..	31	4.8	3.5	0.9	0.798	4.2	537	50			
Dunino	29-627	49.0	68.5	32.6	10.1-25.9	35.9	46.2	43.3	..	Variable.	..	31	4.8	3.5	0.9	0.798	4.2	537	50			
Arbroath	29-602	49.4	74.0	30.0	16.1-32.3	45.0	45.3	40.6	1.7	N.E. & S.W.	5.0	52	5.5	3.7	0.2	0.949	4.4	541	124			
Arbroath	29-602	49.4	74.0	30.0	16.1-32.3	45.0	45.3	40.6	1.7	N.E. & S.W.	5.0	52	5.5	3.7	0.2	0.949	4.4	541	124			
Arbroath	29-602	49.4	74.0	30.0	16.1-32.3	45.0	45.3	40.6	1.7	N.E. & S.W.	5.0	52	5.5	3.7	0.2	0.949	4.4	541	124			
Arbroath	29-602	49.4	74.0	30.0	16.1-32.3	45.0	45.3	40.6	1.7	N.E. & S.W.	5.0	52	5.5	3.7	0.2	0.949	4.4	541	124			
Arbroath	29-602	49.4	74.0	30.0	16.1-32.3	45.0	45.3	40.6	1.7	N.E. & S.W.	5.0	52	5.5	3.7	0.2	0.949	4.4	541	124			
Arbroath	29-602	49.4	74.0	30.0	16.1-32.3	45.0	45.3	40.6	1.7	N.E. & S.W.	5.0	52	5.5	3.7	0.2	0.949	4.4	541	124			
Arbroath	29-602	49.4	74.0	30.0	16.1-32.3	45.0	45.3	40.6	1.7	N.E. & S.W.	5.0	52	5.5	3.7	0.2	0.949	4.4	541	124			
Arbroath	29-602	49.4	74.0	30.0	16.1-32.3	45.0	45.3	40.6	1.7	N.E. & S.W.	5.0	52	5.5	3.7	0.2	0.949	4.4	541	124			
Arbroath	29-602	49.4	74.0	30.0	16.1-32.3	45.0	45.3	40.6	1.7	N.E. & S.W.	5.0	52	5.5	3.7	0.2	0.949	4.4	541	124			
Arbroath	29-602	49.4	74.0	30.0	16.1-32.3	45.0	45.3	40.6	1.7	N.E. & S.W.	5.0	52	5.5	3.7	0.2	0.949	4.4	541	124			
Arbroath	29-602	49.4	74.0	30.0	16.1-32.3	45.0	45.3	40.														

REVENUE.

Abstract of the Net Produce of the Revenue of Great Britain in the Years and Quarters ended 10th October, 1852 and 1853; showing the Increase or Decrease thereof.—(Continued from page 282.)

[Compiled from the "London Gazette."]

Sources of Revenue.	Years ended 10th October.			
	1852.	1853.	Increase.	Decrease.
	£	£	£	£
Customs.....	18,713,510	19,075,029	361,519	....
Excise	13,370,305	13,743,073	372,768	....
Stamps	6,099,717	6,576,089	476,372	....
Taxes.....	3,143,892	3,171,051	27,159	....
Property Tax	5,409,355	5,613,546	204,191	....
Post Office.....	996,000	1,041,000	45,000	....
Crown Lands.....	220,000	402,888	182,888	....
Miscellaneous	292,295	182,262	....	110,033
Total Ordinary Revenue	48,245,074	49,804,938	1,669,897	110,033
Imprest and other Moneys .	608,670	742,550	133,880	....
Repayments of Advances....	911,673	1,529,681	618,008	....
Total Income	49,765,417	52,077,169	2,421,785	110,033
Deduct Decrease			110,033	
Increase on the Year			2,311,752	

Sources of Revenue.	Quarters ended 10th October.			
	1852.	1853.	Increase.	Decrease.
	£	£	£	£
Customs	5,036,809	5,157,476	120,667	....
Excise	4,303,755	4,309,229	5,474	....
Stamps	1,529,421	1,628,163	98,742	....
Taxes.....	159,215	129,219	....	29,996
Property Tax.....	1,915,581	1,904,048	24,467	....
Post Office.....	261,000	236,000	....	25,000
Crown Lands.....	40,000	50,000	10,000	....
Miscellaneous	17,799	40,199	22,400	....
Total Ordinary Revenue	13,263,580	13,490,334	281,750	54,996
Imprest and other Moneys .	137,996	121,757	....	16,239
Repayments of Advances....	234,042	441,254	207,212	....
Total Income	13,635,618	14,053,345	488,962	71,235
Deduct Decrease			71,235	
Increase on the Quarter			417,727	

Consolidated Fund Operations.—The total income brought to this account in the quarter ended 10th October, 1853, was 14,684,169*l.* The total charge upon it was 8,944,996*l.*, leaving a surplus of 5,739,173*l.*

CORN.

Average Prices of Corn per Imperial Quarter in England and Wales, during each Week of the Third Quarter of 1853; together with the Monthly and Quarterly Average—(Continued from p. 283.)

[Supplied by the Controller of Corn Returns, H. F. JADIS, ESQ.]

Weeks ended on a Saturday, 1853.		Weekly Average.					
		Wheat.	Barley.	Oats.	Rye.	Beans.	Peas.
		<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
July	2	47 3	29 10	20 6	32 6	40 1	35 10
	9	47 8	29 2	20 6	35 11	40 8	35 0
	16	49 8	23 11	20 11	34 10	40 5	36 8
	23	51 10	29 4	21 6	35 3	40 4	37 10
	30	52 7	29 7	22 2	36 3	40 5	36 3
Average for July		49 9	29 4	21 1	34 11	40 4	36 3
August	6	53 9	29 9	22 6	37 3	40 7	36 10
	13	53 3	30 0	22 3	34 9	41 5	36 9
	20	51 1	29 7	22 0	34 10	40 11	34 9
	27	48 6	29 6	21 6	33 8	41 1	36 6
Average for August		51 7	29 8	22 0	35 1	41 0	36 2
Sept.	3	50 4	30 4	21 10	32 3	41 1	37 2
	10	54 9	31 3	21 11	33 6	41 3	37 8
	17	56 7	34 9	20 6	35 7	41 9	39 8
	24	56 7	35 9	21 4	36 9	43 0	41 6
Average for September		54 6	33 0	21 4	34 6	41 9	39 0
Average for the Quarter ..		51 10	30 7	21 6	34 10	41 0	37 1

Foreign and Colonial Wheat and Wheat-Flour imported in each of the Months ended 5th July, 5th August, and 5th September, 1853; the Quantities Entered for Home Consumption during the same Months; and the Quantities remaining in Warehouses at the close thereof.—(Continued from p. 283.)

[Compiled from the "London Gazette."]

WHEAT.

Months ended	Imported.			Quantities entered for Home Consumption.			In Bond at the Month's end.		
	Foreign.	Colonial.	Total.	Foreign.	Colonial.	Total.	Foreign.	Colonial.	Total.
1853.	qrs.	qrs.	qrs.	qrs.	qrs.	qrs.	qrs.	qrs.	qrs.
5th July	324,001	7,192	331,193	324,001	7,192	331,193	589	1	590
5th Aug.	680,097	11,641	691,738	680,097	11,641	691,738	589	1	590
5th Sept.	537,094	9,831	546,925	537,094	9,831	546,925	589	1	590

WHEAT-FLOUR.

Months ended	Imported.			Quantities entered for Home Consumption.			In Bond at the Month's end.		
	Foreign.	Colonial.	Total.	Foreign.	Colonial.	Total.	Foreign.	Colonial.	Total.
1853.	cwts.	cwts.	cwts.	cwts.	cwts.	cwts.	cwts.	cwts.	cwts.
5th July	285,083	84,758	369,841	285,085	84,759	369,844	6	7	13
5th Aug.	339,270	39,973	379,243	339,270	39,980	379,250	6	..	6
5th Sept.	343,101	38,511	381,612	343,101	38,511	381,612	6	..	6